

Re: VPN clients unable to connect to other resources.

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Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-03/msg00366.html>

- *From:* "Dave Nickason [SBS-MVP]" <gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 3 Mar 2008 20:40:27 -0500
-

I logged in to my SBS domain from home (XP, not joined to domain) and checked the IP info – what you're seeing there is normal. The default gateway matches the IP of the remote client, and DNS and WINS point to the SBS. I can go to Run -> \\hostname\sharename or \\IPAddress\sharename from remote (although it takes close to a minute to connect, and I get a password prompt the first time), and I can ping the SBS and my office desktop by name and IP.

So now the question is why you appear to be getting logged in correctly, and getting the right IP addressing, but can't connect to shares. I'm drawing a blank, but this is bugging me, so I'll keep thinking about it. You don't have any 3rd party security software on those client PCs that you can't connect to, right? If you try to RDP into one over VPN, do you get a login prompt, or do you get path not found?

This is just regular Windows VPN, right? From the remote XP box, you're just connecting a regular VPN connection to the SBS by IP or mail.sbs.com (or whatever), then opening Run on the remote client and trying \\john\share? And \\john\share fails while \\sbs\share succeeds?

The only thing that comes to mind right offhand is that Windows Firewall thing I mentioned earlier. That would block ping and connection to a share, but it would block it from the LAN as well as remotely. It could be inconsistent, though, showing up after some but not all reboots. This can't be something as simple as power mgmt putting that PC into sleep or hibernate, right? (Sorry for asking, but stranger things have happened).

You've compared an ipconfig /all from a LAN PC and the remote VPN client PC, right? And they match in all respects except for the subnet mask and default gateway?

"J Smith" <JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:C4517E44-2244-4299-8626-38D669025789@xxxxxxxxxxxxxxxxxxxx>

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Hi Dave,

After I connect to the VPN on the SBS 2003 machine I'm unable to log onto another resource on another machine. If I go to start, run, \\john\share I get the network path was not found. Like the share doesn't exist. All shares and network settings work on the LAN. We only have this problem with VPN clients. The XP clients are not part of the domain either. They are strickly home PC's. I'm wanting to use the VPN client to simply join them to our network and browse and use the network resources as they were in the LAN. I'm not missing the concept of how this functions am I? I understand that the VPN server, remote routing and access running on the SBS 2003 server manages the connections and allows the connection to come in and connect. I'm getting this far but it stops there. It's like the remote connections are not updated with the VPN route table or VPN LAN network information.

Once the connection is successful I am able to go to Start, Run, \\192.168.2.25 and open all the shares on the server. I'm wanting to be able to do this with other PC's on the same LAN and this is what is not working. Also once connected I'm not able to use the PC name to connect either. WINS and DNS are configured and hardset on the VPN client side as well for 192.168.2.25.

Again thanks for your help and time.

"Dave Nickason [SBS MVP]" wrote:

After you connect the VPN to the SBS as expected, can you please describe what you're trying to do that's failing, and how you're trying to do it? Please post back what's failing, and the specific error message (if there is one).

For example, if you have a share on a desktop PC that you're trying to access, what happens if on the remote client, you go to Start -> Run and type in \\hostname\sharename? And if that fails, what happens when you try to do it from another machine on the SBS LAN?

I wouldn't worry about ping except in the absence of the ability to actually connect. For example, your SonicWall is probably configured to ignore

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pings. I would start by seeing if you can connect to a resource from within the LAN, and if not, look at the firewall settings and the remote access permissions on that machine. Besides networking, which appears to be working properly, you could be running up against the local machine's firewall settings, NTFS permissions, etc.

One thing to check – if you're having trouble connecting to an XP box, go to CP -> Windows Firewall and make sure it's set to use the domain settings (it'll tell at the bottom of the first page in the firewall properties). If it's set to non-domain, set the Network Location Awareness service to automatic startup, and either reboot or do a gpupdate /force. In the non-domain configuration, remote access is blocked, and so is ping.

"J Smith" <JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:D8F9B880-7B16-49F0-9A73-1EF4D0A395C5@xxxxxxxxxxxxxxxxxxxx

The XP Pro clients are connecting to the SBS 2003 server. I did use the wizard to setup remote access. The clients connect to the server and can access the server shares and so forth. The IP of clients when they connect is 192.168.2.XXX matches the subnet of the 2003 server. I find it strange that the IP and Gateway match the on the network IP given by the DHCP server. I need the VPN because we have a sonicwall device that will backup client laptops on the network via VPN access. I can't ping the sonicwall device nor the gateway. I need the VPN to work for the device to pick-up the CDP data protection for the remote clients this rules out the RWW.

"Dave Nickason [SBS MVP]" wrote:

Are you using the SBS as the VPN end point? If your SBS and your

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local
client PCs are on 192.168.2.x, your remote
clients should be getting
an
IP
address from the DHCP server on the SBS
that's in the 192.168.2.x
subnet.

If you haven't already, I'd go to the Server
Mgmt Console, Internet
page,
and run the Configure Remote Access
wizard. Not sure that'll fix
this,
but
it's a start.

Do you need VPN for some reason? If not,
why not use RWW instead?

"J Smith"

<JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:9606D119-6C75-4A7C-B5F2-FCF5ABBC1E75@xxxxxxxxxxxxxxxxxxxx

XP Client machines that can
successfully connect to the
SBS 2003
server
via
VPN cannot access other
shares or network resources
outside of the
SBS
2003
server. After connecting to
the VPN server the IP
assigned from the
server
matches the gateway on the
DHCP assigned address
from the server.

IP 192.168.2.57
Gateway 192.168.2.57

I can ping and connect to
the server 192.168.2.25 but I
can not ping

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the
true gateway 192.168.2.1
nor ping any other machine
on the subnet.

The

IP

scheme of the XP Client
machines are

192.168.1.XXX so I'm

pretty

sure

this

is

not an issue. I think there is
a route problem or
misconfiguration

on

the

VPN

server. I'm wanting to be
able to let the XP client
access other
shares

on

a

couple different locations

192.168.2.250 and

192.168.2.225. Thanks

for

your

feedback and assistance.

J Smith